Antony Attia

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SKILLS

- Proficient with **C**, **Java**, and **Python**.
- Familiar with web development using **HTML**, **CSS**, and **JavaScript**.
- Have experience with assembly languages (**Motorola 68000 assembly**).
- Experienced with **Linux**/**UNIX** environments.
- Experienced with **Bash** scripting, **Git**, and **Microsoft Office** (Word, Excel, etc.).
- Knowledgeable in computer and networking **hardware** and **setup**.

EDUCATION

Bachelor of Computing in Computer Science (Honours, Co-op)

University of Guelph - *Guelph, ON*   *2014 - 2019*

- Courses taken include Object Oriented Programming, Data Structures, and Structure and Application of Microcomputers.

Ontario Secondary School Diploma

St. Augustine Catholic High School - *Markham, ON*   *2010 – 2014*

- Yearly Honour Roll student and graduated as an Ontario Scholar.

PROJECTS

TermChat | github.com/antonyattia/TermChat   *July 2015 - Present*

- A client/server chat program usable within the terminal.
- Coded in C and uses UNIX domain sockets for networking, with NCurses as its command line interface.
- Expanded my knowledge and understanding of networking and UNIX domain socket programming.
- Looking to implement SSH for secure and encrypted communication.

Personal Website | antonyattia.me   *July 2015 - Present*

- Built a personal website using HTML5 and CSS3.
- Implemented Bootstrap for seamless mobile viewing, and Font Awesome for vector icons.
- Looking to implement JQuery for sleek and attractive navigation.

Breadboard Car   *June 2013*

- Created a small vehicle that is controlled via breadboard circuitry, a Raspberry Pi, and Python.
- Used the Raspberry Pi's GPIO Python module to control the motors of the vehicle as the connected light sensor detected the boundaries (colours) around it.